

UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
126181-1059

Total Pages in this Submission
213

16711 U.S. PTO
08/20/03

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

CIRCULAR PERMUTEINS OF FLT3 LIGAND

and invented by:

Charles A. McWherter	Susan L. Woulfe
John P. McKearn	John C. Minnerly
Philip R. Streeter	
Nancy I. Minster	
Yiqing Feng	
Nicholas R. Staten	

03515 U.S. PRO
10/644355
08/20/03

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 08/955,090

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. Filing fee as calculated and transmitted as described below

2. Specification having 143 pages and including the following:
 - a. Descriptive Title of the Invention
 - b. Cross References to Related Applications (*if applicable*)
 - c. Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
 - e. Background of the Invention
 - f. Brief Summary of the Invention
 - g. Brief Description of the Drawings (*if filed*)
 - h. Detailed Description
 - i. Claim(s) as Classified Below
 - j. Abstract of the Disclosure

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Application Elements (Continued)

3. Drawing(s) (*when necessary as prescribed by 35 USC 113*)
 - a. Formal Number of Sheets 5
 - b. Informal Number of Sheets _____
4. Oath or Declaration
 - a. Newly executed (*original or copy*) Unexecuted
 - b. Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
 - c. With Power of Attorney Without Power of Attorney
 - d. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (*usable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. Application Data Sheet (See 37 CFR 1.76)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statement(s) Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

9. Assignment Papers (*cover sheet & document(s)*) **(copy)**
10. 37 CFR 3.73(B) Statement (*when there is an assignee*)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Certificate of Mailing
 First Class Express Mail (*Specify Label No.*): EV 169252267 US

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126181-1059

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Accompanying Application Parts (Continued)

17. Additional Enclosures (*please identify below*):

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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213

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	35	- 20 =	15	x \$18.00	\$270.00
Indep. Claims	18	- 3 =	15	x \$84.00	\$1,260.00
Multiple Dependent Claims (check if applicable)					\$0.00
				BASIC FEE	\$750.00
OTHER FEE (specify purpose)					\$0.00
				TOTAL FILING FEE	\$2,280.00

- A check in the amount of **\$2,280.00** to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge and credit Deposit Account No. **07-0153** as described below. A duplicate copy of this sheet is enclosed.
- Charge the amount of _____ as filing fee.
- Credit any overpayment.
- Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



Signature

Carol M. Nielsen
Reg. No. 37,676
Gardere Wynne Sewell LLP
1000 Louisiana, Suite 3400
Houston, Texas 77002
713-276-5383 phone
713-276-6383 fax
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Dated: *Aug. 20, 2003*

cc:

CERTIFICATE OF MAILING

I certify that this correspondence is being deposited with the U.S.
Postal Service Express Mail delivery service under 37 C.F.R. 1.10
and is addressed to Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450.

William Asher

Signature

William Asher

Name of Person Signing

EV 169252267 US

"Express Mail" Mailing Label Number

Date of Signature: August 20, 2003

HOUSTON 639750v1

16711 U.S. PTO
08/20/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
\$2,280.00

Complete if Known

Application Number	To Be Assigned
Filing Date	August 20, 2003
First Named Inventor	McWherter
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	126181-1059

METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)							
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number 07-0153 Deposit Account Name				3. ADDITIONAL FEES Large Entity Small Entity							
				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
				1051	130	2051	65	Surcharge - late filing fee or oath			
				1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			
				1053	130	1053	130	Non - English specification			
				1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
				1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
				1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
				1251	110	2251	55	Extension for reply within first month			
				1252	410	2252	205	Extension for reply within second month			
				1253	930	2253	465	Extension for reply within third month			
				1254	1,450	2254	725	Extension for reply within fourth month			
				1255	1,970	2255	985	Extension for reply within fifth month			
				1401	320	2401	160	Notice of Appeal			
				1402	320	2402	160	Filing a brief in support of an appeal			
				1403	280	2403	140	Request for oral hearing			
				1451	1,510	1451	1,510	Petition to institute a public use proceeding			
				1452	110	2452	55	Petition to revive - unavoidable			
				1453	1,300	2453	650	Petition to revive - unintentional			
				1501	1,300	2501	650	Utility issue fee (or reissue)			
				1502	470	2502	235	Design issue fee			
				1503	630	2503	315	Plant issue fee			
				1460	130	1460	130	Petitions to the Commissioner			
				1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)			
				1806	180	1806	180	Submission of Information Disclosure Statement			
				8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
				1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))			
				1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))			
				1801	750	2801	375	Request for Continued Examination (RCE)			
				1802	900	1802	900	Request for expedited examination of a design application			
				Other fee (specify) _____							
				SUBTOTAL (2)	(\$)		\$1,530.00	SUBTOTAL (3)	(\$)		\$0.00
**or number previously paid, if greater; For Reissues, see above				*Reduced by Basic Filing Fee Paid							

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Carol M. Nielsen	Registration No. (Attorney/Agent)	37,676	Telephone	713-276-5383
Signature	<i>Carol M. Nielsen</i>				Date August 20, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.